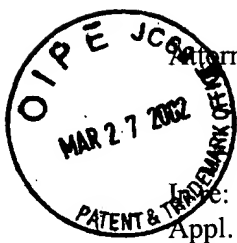


#23/F
J. Bone
4-9-02



Attorney's Docket No. 3477-116

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor:	Pugh et al.	Confirmation No.:	
Appl. No.:	09/029,872	Group Art Unit:	3738
Filed:	June 29, 1998	Examiner:	P. Prebilic
For:	ARTIFICIAL STABILIZED COMPOSITION OF CALCIUM PHOSPHATE PHASES PARTICULARLY ADAPTED FOR SUPPORTING BONE CELL ACTIVITY		

March 28, 2002

Commissioner for Patents
Washington, DC 20231

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AMENDMENT

Sir:

Please amend the above-referenced application as follows:

In the Claims:

F1
Sub
G1

1. (Three times amended) A bioactive artificial sintered composition for consistently supporting bone cell activity, said composition comprising uniformly stabilized tricalcium phosphate having stabilizing entities distributed uniformly throughout, wherein said uniformly stabilized tricalcium phosphate is insoluble in physiological fluids.

F2
Sub
G4

13. (Three times amended) A process for stabilizing an artificial sintered composition of tricalcium phosphate phases having a morphology suitable for supporting bone cell activity, said process comprising uniformly doping a hydroxyapatite substance with stabilizing entities and sintering said uniformly doped hydroxyapatite substance; wherein sintering converts said uniformly doped hydroxyapatite substance into primarily uniformly stabilized tricalcium phosphate which is insoluble in physiological fluids and said stabilizing entities stabilize the formed tricalcium phosphate within the phosphate phases.

F3

24. (Twice amended) A sintered artificial microporous polycrystalline structure for supporting bone cell activity, said structure comprising sintered uniformly stabilized tricalcium phosphate phases having a globular surface morphology of loosely interconnected rounded

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Pugh et al. Confirmation No.: 6664
 Appl. No.: 09/029,872 Group Art Unit: 3738
 Filed: June 29, 1998 Examiner: P. Prebilic
 For: ARTIFICIAL STABILIZED COMPOSITION OF
 CALCIUM PHOSPHATE PHASES PARTICULARLY
 ADAPTED FOR SUPPORT BONE CELL ACTIVITY

Commissioner for Patents
 Washington, DC 20231

Sir:

Transmitted herewith is an AMENDMENT in the above-identified patent application.

- ☒ Applicant claims small entity status. See 37 C.F.R. § 1.27.
☐ No additional fee is required.

The fee has been calculated as shown below:

(COL. 1)		(COL. 2)	(COL. 3)	SMALL ENTITY		OTHER THAN A SMALL ENTITY	
CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDIT. FEE	OR RATE	ADDIT. FEE
TOTAL	* 34	** 37	= 0	X9=	\$	X18=	\$
INDEP	* 11	*** 7	= 4	X42=	\$ 168	X84=	\$
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				+140=	\$	+280=	\$
				TOTAL ADD FEE \$ 168		OR TOTAL	\$

- * If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
 ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
 *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior Amendment or the number of claims originally filed.

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In re: Pugh et al.
Appl. No.: 09/029,872
Filed: June 29, 1998
Atty. Dock. No. 3477-116
Page 2

- ☐ Please charge my Deposit Account No. 16-0605 in the amount of \$.
- ☒ A check in the amount \$168 to cover the additional fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge any deficiency in payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 16-0605.
- ☒ Any additional filing fees required under 37 C.F.R. § 1.16 for the presentation of extra claims.
- ☒ Any patent application processing fees under 37 C.F.R. § 1.17.

Respectfully submitted,

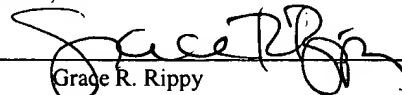


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Date of Deposit: March 28, 2002

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Washington, DC 20231, on March 28, 2002.



Grace R. Rippey

Assistant Commissioner For Patents
Washington, DC 20231

Date Mailed: 03/28/2002
Atty. Dkt. No. 3477-116

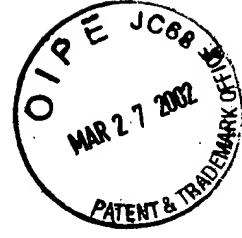
Application No. 09/029,872; Filing Date 06/29/1998

Inventor(s): Pugh et al.; Title of Invention: ARTIFICIAL STABILIZED
COMPOSITION OF CALCIUM PHOSPHATE PHASES PARTICULARLY
ADAPTED FOR SUPPORTING BONE CELL ACTIVITY

Documents Enclosed: Amendment; Petition and Fee for Extension of Time;
Amendment Coversheet

Check Enclosed \$460.00 - ext of time; \$168.00 - addtl. claims

Kindly acknowledge receipt by placing office stamp hereon and
returning postcard to: **MBP/Grace R. Rippey (139918)**
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